

# Claims

[c1] What is claimed is:

1. A radiator comprising:

a voltage regulator for providing a reference voltage;  
a fan comprising a power end connected to the reference voltage via a first resistor, and a feedback end for outputting a pulse signal indicating the rotation speed of the fan;

an integration circuit comprising an output end, and an input end connected to the feedback end of the fan, for converting the pulse signal from the feedback end into a voltage signal; and

a thermistor connected between the output end of the integration circuit and the reference voltage, for detecting temperature change in order to adjust the rotation speed of the fan.

[c2] 2. The radiator of claim 1 further comprising a second resistor with a first end connected to the reference voltage, and a grounded second end.

[c3] 3. The radiator of claim 1 wherein the integration circuit is composed of a third resistor with a first end being an output end of the integration circuit and a second end

being an input end of the integration circuit, and a capacitor with a first end connected to the first end of the third resistor and a second end grounded.

- [c4] 4. The radiator of claim 1 wherein the resistance of the thermistor increases according to the temperature.
- [c5] 5. The radiator of claim 4 wherein the pulse signal from the feedback end decreases when the rotation speed of the fan lowers down.